

Comparisons of Job Characteristics

Focus Occupation: [Electronic Equipment Installers and Repairers, Motor Vehicles \(49-2096\)](#)
Associated Occupation: [Electronic Home Entertainment Equipment Installers and Repairers \(49-2097\)](#)

[Compare Knowledge](#)
[Compare Skills](#)
[Compare Abilities](#)
[Compare Detailed Work Activities](#)
[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: [Electronic Equipment Installers and Repairers, Motor Vehicles \(49-2096\)](#)
Associated Occupation: [Electronic Home Entertainment Equipment Installers and Repairers \(49-2097\)](#)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|----|--|
| Computers and Electronics | 8.4 | 15.0 | 13.3 | < | Expanded education and/or training may be required |
| Customer and Personal Service | 11.3 | 14.6 | 10.5 | << | Extensive education and/or training may be required |
| Engineering and Technology | 5.7 | 14.3 | 12.3 | < | Expanded education and/or training may be required |
| Telecommunications | 3.9 | 12.5 | 6.0 | << | Extensive education and/or training may be required |
| Design | 5.2 | 8.6 | 13.5 | >> | Current knowledge level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 74

Focus Occupation: [Electronic Equipment Installers and Repairers, Motor Vehicles \(49-2096\)](#)
Associated Occupation: [Electronic Home Entertainment Equipment Installers and Repairers \(49-2097\)](#)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|---------------------------------------|
| Quality Control Analysis | 5.9 | 11.5 | 9.1 | < | A higher skill level may be required |
| Troubleshooting | 4.5 | 11.5 | 11.1 | 0 | Current skill level may be sufficient |
| Repairing | 3.4 | 11.0 | 11.9 | 0 | Current skill level may be sufficient |
| Equipment Maintenance | 3.5 | 9.1 | 10.7 | > | Skill level is likely sufficient |
| Installation | 1.7 | 9.1 | 9.7 | 0 | Current skill level may be sufficient |
| Equipment Selection | 3.3 | 8.2 | 8.4 | 0 | Current skill level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 87 | | | |
|--|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096) Associated Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Finger Dexterity | 7.6 | 12.5 | 12.0 | 0 | Current ability level may be sufficient |
| Near Vision | 11.1 | 11.4 | 11.8 | 0 | Current ability level may be sufficient |
| Visualization | 7.5 | 11.2 | 10.8 | 0 | Current ability level may be sufficient |
| Visual Color Discrimination | 6.4 | 10.6 | 12.1 | > | Current ability level is likely sufficient |
| Problem Sensitivity | 11.1 | 10.1 | 11.2 | > | Current ability level is likely sufficient |
| Deductive Reasoning | 10.6 | 10.0 | 11.1 | > | Current ability level is likely sufficient |
| Information Ordering | 9.9 | 9.8 | 10.2 | 0 | Current ability level may be sufficient |
| Oral Comprehension | 12.5 | 9.8 | 13.0 | >> | Current ability level is likely more than sufficient |
| Hearing Sensitivity | 5.6 | 8.6 | 7.1 | < | Some improvement in abilities may be required |
| Sound Localization | 2.2 | 5.4 | 5.1 | 0 | Current ability level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Activities that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: 100 |
|--|-------------------------|--|
| Focus Occupation: Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096) Associated Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097) | | |
| Work Activities | Exclusivity of Activity | |
| Analyze operation of malfunctioning electrical or electronic equipment | 68 | |
| Calibrate or adjust electronic equipment or instruments to specification | 67 | |
| Communicate technical information | 4 | |
| Conduct sequential tests to locate electronic malfunction | 77 | |
| Determine installation, service, or repair needed | 58 | |
| Distinguish colors | 44 | |
| Estimate cost for repair services | 82 | |
| Fabricate, assemble, or disassemble manufactured products by hand | 11 | |
| Install electronic equipment, components, or systems | 62 | |
| Install/connect electrical equipment to power circuit | 57 | |
| Obtain information from clients, customers, or patients | 40 | |
| Perform safety inspections in industrial, manufacturing or repair setting | 32 | |
| Read technical drawings | 7 | |

| | |
|---|----|
| Repair electronic components, equipment, or systems | 74 |
| Repair or replace electrical wiring, circuits, fixtures, or equipment | 49 |
| Replace electronic components | 63 |
| Solder electrical or electronic connections or components | 55 |
| Test electrical/electronic wiring, equipment, systems or fixtures | 54 |
| Test electronic or electrical circuit connections | 66 |
| Understand detailed electronic design specifications | 70 |
| Understand service or repair manuals | 40 |
| Understand technical information for electronic repair work | 76 |
| Understand technical operating, service or repair manuals | 6 |
| Use electrical or electronic test devices or equipment | 40 |
| Use hand or power tools | 2 |
| Use interpersonal communication techniques | 10 |
| Use oscilloscopes in electronics repair | 77 |
| Use precision tools in electronics repair | 71 |
| Use soldering equipment | 44 |
| Use voltmeter, ammeter, or ohmmeter | 52 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096)

Associated Occupation: Electronic Home Entertainment Equipment Installers and Repairers (49-2097)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.